

Table B-139. Graduate students in science and engineering fields in all institutions, by field and Carnegie classification: 1990-97

Carnegie classification and field	1990	1991	1992	1993	1994	1995	1996	1997
All institutions:								
Total, science and engineering fields	397,135	412,697	430,644	435,886	431,251	422,555	415,363	407,644
Sciences, total	289,510	299,121	312,609	319,028	318,228	315,356	312,140	306,636
Physical sciences	34,075	34,710	35,348	35,318	34,449	33,417	32,355	31,108
Earth, atmospheric, & ocean sciences	13,984	14,480	15,347	15,805	16,042	15,805	15,280	14,644
Mathematical sciences	19,774	19,952	20,355	20,000	19,579	18,509	18,015	16,759
Computer sciences	34,257	34,610	36,293	36,189	34,128	33,432	34,592	36,010
Agricultural sciences	11,316	11,506	11,827	11,914	12,199	12,367	11,914	11,810
Biological sciences	49,989	51,778	54,177	56,452	58,143	58,736	58,128	57,135
Psychology	48,167	51,343	53,484	54,557	54,554	53,641	53,209	53,142
Social sciences	77,948	80,742	85,778	88,793	89,134	89,449	88,647	86,028
Engineering, total	107,625	113,576	118,035	116,858	113,023	107,199	103,223	101,008
Research I:								
Total, science and engineering fields	139,029	141,656	146,176	147,642	146,308	143,285	139,670	136,778
Sciences, total	98,415	99,622	102,709	104,369	104,485	103,392	101,437	98,488
Physical sciences	15,201	15,152	15,323	15,380	14,984	14,524	14,028	13,525
Earth, atmospheric, & ocean sciences	4,901	4,902	5,096	5,135	5,183	5,171	4,939	4,658
Mathematical sciences	6,955	7,032	7,229	7,041	6,887	6,672	6,539	6,031
Computer sciences	7,716	7,804	7,980	8,191	7,936	7,808	7,865	7,901
Agricultural sciences	5,203	5,226	5,186	5,225	5,302	5,418	5,272	5,264
Biological sciences	21,932	22,398	23,079	24,089	24,766	24,797	24,430	24,012
Psychology	7,628	7,753	8,061	8,076	7,922	7,817	7,760	7,530
Social sciences	28,879	29,355	30,755	31,232	31,505	31,185	30,604	29,567
Engineering, total	40,614	42,034	43,467	43,273	41,823	39,893	38,233	38,290
Research II:								
Total, science and engineering fields	33,811	36,402	38,430	38,681	37,353	36,171	35,187	34,339
Sciences, total	22,956	24,288	25,746	26,083	25,491	24,971	24,683	23,902
Physical sciences	3,150	3,280	3,407	3,385	3,287	3,168	3,046	2,912
Earth, atmospheric, & ocean sciences	1,346	1,323	1,418	1,459	1,492	1,442	1,363	1,284
Mathematical sciences	1,863	1,986	1,962	1,868	1,783	1,628	1,520	1,357
Computer sciences	2,124	2,290	2,752	2,728	2,595	2,443	2,697	2,281
Agricultural sciences	1,539	1,601	1,775	1,775	1,811	1,848	1,705	1,747
Biological sciences	3,737	3,907	3,956	4,042	4,050	4,097	3,941	4,091
Psychology	2,759	3,050	3,246	3,180	2,995	3,023	2,892	2,801
Social sciences	6,438	6,851	7,230	7,646	7,478	7,322	7,519	7,429
Engineering, total	10,855	12,114	12,684	12,598	11,862	11,200	10,504	10,437
Doctorate-granting:								
Total, science and engineering fields	66,849	68,590	71,623	73,132	73,383	71,028	71,448	71,916
Sciences, total	50,059	50,788	53,582	54,969	55,554	54,634	54,898	55,601
Physical sciences	4,742	4,800	4,923	4,879	4,877	4,689	4,713	4,491
Earth, atmospheric, & ocean sciences	2,103	2,317	2,492	2,502	2,599	2,580	2,521	2,256
Mathematical sciences	3,389	3,464	3,574	3,524	3,480	3,160	3,134	2,991
Computer sciences	10,047	9,474	9,925	10,191	9,871	9,755	9,937	11,120
Agricultural sciences	509	485	576	552	671	678	668	598
Biological sciences	5,001	5,299	5,594	5,793	5,954	6,087	6,194	6,127
Psychology	11,163	11,303	11,765	11,855	12,164	11,764	11,618	12,229
Social sciences	13,105	13,646	14,733	15,673	15,938	15,921	16,113	15,789
Engineering, total	16,790	17,802	18,041	18,163	17,829	16,394	16,550	16,315

See explanatory information, if any, and SOURCE at end of table.

Table B-139. Graduate students in science and engineering fields in all institutions, by field and Carnegie classification: 1990-97

Carnegie classification and field	1990	1991	1992	1993	1994	1995	1996	1997
Comprehensive:								
Total, science and engineering fields	53,642	57,076	60,106	61,213	59,803	59,351	58,408	58,409
Sciences, total	43,781	46,388	48,657	50,445	49,734	49,848	49,375	49,674
Physical sciences	2,169	2,329	2,292	2,396	2,318	2,282	2,115	2,032
Earth, atmospheric, & ocean sciences	1,290	1,481	1,718	1,925	1,982	2,032	2,008	2,129
Mathematical sciences	3,079	2,961	2,934	2,969	2,857	2,677	2,624	2,442
Computer sciences	7,129	7,675	8,013	7,578	6,682	6,565	6,919	7,771
Agricultural sciences	934	965	973	1,017	966	1,022	1,006	1,167
Biological sciences	4,588	4,706	5,043	5,629	5,714	6,058	5,830	5,651
Psychology	12,943	14,172	14,890	15,731	15,744	15,497	15,521	15,074
Social sciences	11,649	12,099	12,794	13,200	13,471	13,715	13,352	13,408
Engineering, total	9,861	10,688	11,449	10,768	10,069	9,503	9,033	8,735
Engineering:								
Total, science and engineering fields	1,777	2,026	2,178	2,196	2,230	2,337	2,137	2,201
Sciences, total	527	569	615	633	586	578	540	538
Physical sciences	95	113	118	123	111	106	105	101
Earth, atmospheric, & ocean sciences	184	164	180	194	181	166	160	166
Mathematical sciences	11	17	14	18	11	8	9	4
Computer sciences	226	267	293	292	275	284	250	256
Agricultural sciences	0	0	0	0	0	1	0	0
Biological sciences	11	8	10	6	8	13	16	11
Psychology	0	0	0	0	0	0	0	0
Social sciences	0	0	0	0	0	0	0	0
Engineering, total	1,250	1,457	1,563	1,563	1,644	1,759	1,597	1,663
Liberal arts:								
Total, science and engineering fields	1,847	2,326	2,409	2,305	2,307	2,151	2,038	1,889
Sciences, total	1,690	2,102	2,173	2,097	2,126	1,986	1,893	1,769
Physical sciences	105	117	119	115	110	102	101	109
Earth, atmospheric, & ocean sciences	93	144	162	157	160	143	142	155
Mathematical sciences	32	33	36	36	37	30	30	21
Computer sciences	65	56	55	39	26	23	23	18
Agricultural sciences	67	95	86	71	68	60	47	39
Biological sciences	123	133	133	135	135	128	133	129
Psychology	1,085	1,422	1,442	1,417	1,450	1,382	1,298	1,198
Social sciences	120	102	140	127	140	118	119	100
Engineering, total	157	224	236	208	181	165	145	120
Other:								
Total, science and engineering fields	100,180	104,621	109,722	110,717	109,867	108,232	106,475	102,112
Sciences, total	72,082	75,364	79,127	80,432	80,252	79,947	79,314	76,664
Physical sciences	8,613	8,919	9,166	9,040	8,762	8,546	8,247	7,938
Earth, atmospheric, & ocean sciences	4,067	4,149	4,281	4,433	4,445	4,271	4,147	3,996
Mathematical sciences	4,445	4,459	4,606	4,544	4,524	4,334	4,159	3,913
Computer sciences	6,950	7,044	7,275	7,170	6,743	6,554	6,901	6,663
Agricultural sciences	3,064	3,134	3,231	3,274	3,381	3,340	3,216	2,995
Biological sciences	14,597	15,327	16,362	16,758	17,516	17,556	17,584	17,114
Psychology	12,589	13,643	14,080	14,298	14,279	14,158	14,120	14,310
Social sciences	17,757	18,689	20,126	20,915	20,602	21,188	20,940	19,735
Engineering, total	28,098	29,257	30,595	30,285	29,615	28,285	27,161	25,448

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Graduate Students and Postdoctorates in Science and Engineering